INFORMATION SEP 2 2 1000 SEP 2

Sheet 1 of 6

**Application Number:** 

10/646,460

Filing Date:

August 22, 2003

First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit:

Unknown 1763

Examiner Name:

Unknown ARANCIBIA

Attorney Docket Number: 008401 09

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mot	US-2,344,138	03-14-1944	DRUMMOND	117	107	05-20-1940
MOP	US-3,109,100	10-29-1963	GECEWICZ	250	219	05-19-1960
Meta	US-3,576,685	04-27-1971	SWANN ET AL.	148	187	03-15-1968
1/102	US-3,907,616	09-23-1975	WIEMER	148	188	08-16-1974
won	US-4,116,791	09-26-1978	ZEGA	204	192	05-18-1977
MO	US-4,382,099	05-03-1983	LEGGE ET AL.	427	34	10-26-1981
Moz	US-4,385,946	05-31-1983	FINEGAN ET AL.	148	175	06-19-1981
WP	US-4,434,036	02-28-1984	HOERSCHELMANN ET AL.	204	164	05-03-1982
MOTE	US-4,465,529	08-14-1984	ARIMA ET AL.	148	188	06-04-1982

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mor	EP 0 964 074 A2	15,12,1999	EUROPE	ALEC DENHOLM ET AL.	N/A
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U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature: Mauree

Mauree & Glanci

Date Considered:

9/29/2005

INFORMATION DISCLOSURE STATEMENT BY

Sheet 2 of 6

**Application Number:** 

10/646,460

Filing Date:

August 22, 2003

First Named Inventor: Group Art Unit:

Kenneth COLLINS, et al. Unknown 1763

Examiner Name:

Attorney Docket Number: 008401 09

UNKAGUIL ARANCIBIA, M.G.

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W12	US-4,481,229	11-06-1984	SUZUKI ET AL.	427	38	06-20-1983
mg 2	US-4,500,563	02-19-1985	ELLENBERGER ET AL.	427	38	12-15-1982
MOC	US-4,521,441	06-04-1985	FLOWERS	427	38	12-19-1983
wor	US-4,539,217	09-03-1985	FARLEY	427	10	06-27-1984
MOR	US-4,565,588	01-21-1986	SEKI ET AL.	148	186	10-10-1984
Mor	US-4,698,104	10-06-1987	BARKER ET AL.	437	141	03-02-1987
111000	US-4,764,394	08-16-1988	CONRAD	427	38	01-20-1987
Mer	US-4,778,561	10-18-1988	GHANBARI	156	643	10-30-1987
1102	US-4,867,859	09-19-1989	HARADA ET AL.	204	298	08-04-1987
ART	US-4,871,421	10-03-1989	OGLE ET AL.	156	643	09-15-1988
MOO	US-4,912,065	05-27-1990	MIZUNO ET AL.	437	141	05-26-1988
MATZ	US-4,937,205	06-26-1990	NAKAYAMA ET AL.	437	165	08-04-1988
mor	US-4,948,458	08-14-1990	OGLE	156	643	08-14-1990
11952	US-5,061,838	10-29-1991	LANE ET AL.	219	121.59	06-23-1989

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ĺ	mor	WO 93/18201	16.09.2003	WIPO	FELCH ET AL.	N/A

Examiner Initials

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Examiner's Signature: Www. Date Considered: 9/29/2005

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INFORMATION DISCLOSURE STATEMENT BY APPECANT

Sheet 3 of 6

**Application Number:** 

10/646,460

Filing Date:

August 22, 2003

First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit: Examiner Name: Unknown 1763

Attorney Docket Number: 008401 09

UNKNOWN ARANGSBIA, M.G.

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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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nor	US-5,107,201	04-21-1992	OGLE	324	72.5	12-11-1990
Moto	US-5,270,250	12-14-1993	MURAI ET AL.	437	165	12-23-1991
MAS	US-5,277,751	01-11-1994	OGLE	156	643	06-18-1992
1/18/2	US-5,290,382	03-01-1994	ZAROWIN ET AL.	156	345	12-13-1991
MOSE	US-5,312,778	05-17-1994	COLLINS ET AL.	437	225	11-23-1990
1002	US-5,354,381	10-11-1994	SHENG	118	723	05-07-1993
MOL	US-5,435,881	07-25-1995	OGLE	156	345	03-17-1994
MODY	US-5,505,780	04-09-1996	DALVIE ET AL.	118	723	03-18-1992
1MO2	US-5,514,603	05-07-1996	SATO	437	16	05-06-1994
gw2	US-5,520,209	05-28-1996	GOINS ET AL.	137	246	12-03-1993
1100	US-5,542,559	08-06-1996	KAWAKAMI ET AL.	216	67	02-14-1994
MOP	US-5,561,072	10-01-1996	SAITO	437	24	11-21-1994
Moto	US-5,569,363	10-29-1996	BAYER ET AL.	204	192.32	10-25-1994
More	US-5,572,038	11-05-1996	SHENG ET AL.	250	492.21	05-07-1993

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MPZ	/WO 02/25694 A2	28.03.2002	WIPO	JAMES BERNSTEIN ET AL.	N/A

Examiner NON PATENT LITERATURE DOCUMENTS Initials

Examiner's Signature: Maureu Chanci

Date Considered: 9/29/05

SEP 2 2 2003

INFORMATION THAT STATEMENT BY APPLICANT

Sheet 4 of 6

Application Number:

10/646,460

August 22, 2003

Filing Date: First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit:

**Examiner Name:** 

Unknown 1763 Unknown ARANCIBIA, M.G.

Attorney Docket Number: 008401 09

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1100	US-5,587,038	8	12-24-	1996	CECCHI ET AL.		156	345	06-16-1994
MOTO	US-5,627,43	5	05-06-	1997	JANSEN ET	AL.	315	111.21	02-15-1996
100P	US-5,648,70	1	06-15-	1997	HOOKE ET A	AL.	315	111.21	06-28-1994
MOTO	US-5,654,04	3	08-05-	1997	SHAO ET AL	••	427	527	10-10-1996
MOF	US-5,674,32	1	10-07-	1997	PU ET AL.		118	723	04-28-1995
MOP	US-5,683,51	7	11-04-	1997	SHAN		118	723	06-07-1995
MOR	US-5,711,81	2	01-27-	1998	CHAPEK ET	AL.	118	723	06-06-1995
1110P	US-5,718,79	В	02-17-	1998	DEREGIBUS		156	429	04-10-1996
Mor	US-5,770,98	2	06-23-	06-23-1998 MOORE			333	32	10-29-1996
MAZ	US-5,897,75	2	04-27-1999		HONG ET A	L.	204	192.12	05-20-1997
1100	US-5,911,83	2	06-15-1999		DENHOLM E	ET AL.	118	723	01-09-1997
Mor	US-5,935,07	7	08-10-1999		OGLE		600	504	08-14-1997
MAN	US-5,944,94	2	08-31-	08-31-1999 OGLE			156	345	03-04-1998
111972	US-5,948,16	8	09-07-	-1999 SHAN ET AL.			118	723	10-09-1997
MEP	US-5,994,23	6	11-30-	1999	OGLE		438	728	01-23-1998
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Examiner's Signature: Maure Toloma 9/29/2005 Date Considered:

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 5 of 6

Application Number:

Filing Date:

10/646,460

August 22, 2003

First Named Inventor: Group Art Unit:

Kenneth COLLINS, et al. Unknown 1763

Examiner Name:

Unknown ARANCIBIA, M.G.

Attorney Docket Number: 008401 09

	·	U. S. PATEN	T DOCUMENTS			
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MOF	US-5,998,933	12-07-1999	SHUN'KO	315	11.51	04-06-1998
Mer	U\$-6,020,592	02-01-2000	LIEBERT ET AL	250	492.21	08-03-1998
Mos	US-6,041,735	03-28-2000	MURZIN ET AL.	118	723	03-02-1998
MOR	US-6,050,218	04-18-2000	CHEN ET AL.	118	723	09-28-1998
wer	US-6,076,483	06-20-2000	SHINTANI ET AL.	118	723	03-26-1998
MXT	US-6,101,971	08-15-2000	DENHOLM ET AL.	118	723	12-22-1998
1002	US-6,132,552	10-17-2000	DONOHOE ET AL.	156	345	02-19-1998
Mon	US-6,150,628	11-21-2000	SMITH ET AL.	219	121.54	06-26-1997
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MACT	US-6,165,376	12-26-2000	MIYAKE ET AL.	216	67	01-05-1998
meta	US-6,132,604 B1	02-06-2001	GOECKNER ET AL.	118	723	10-27-1999
1100	US-6,237,527 B1	05-29-2001	KELLERMAN ET AL.	118	723	08-06-1999
MOP	US-6,239,553 B1	05-29-2001	BARNES ET AL.	315	111.51	04-22-1999
MUST	US-6,291,938 B1	09-18-2001	JEWETT ET AL.	315	111.51	01-24-2000

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Examiner's Signature: MQWee Date Considered: 9/29/05



INFORMATION DISCLOSURE TRACEMENT BY APPLICANT

Sheet 6 of 6

Application Number:

10/646,460

Filing Date:

August 22, 2003

First Named Inventor.

Kenneth COLLINS, et al.

Group Art Unit: Examiner Name: Unknown 1763

Unknown ARANCIBIA, M.G.

Attorney Docket Number: 008401 09

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MOZ	US-6,305,316	B1	10-23-2	2001	DIVERGILIO	ET AL.	118	723	07-20-2000
Wor	US-6,335,536	В1	01-01-2	2002	GOECKNER	ET AL.	250	492.3	10-27-1999
MODE	US-6,339,297	В1	01-15-2	2002	SUGALET A	L.	315	111.21	07-21-1999
11107	US-6,341,574	В1	01-29-2	2002	BAILEY III E	T AL.	118	723	11-15-1999
MAR	US-6,348,126	B1	02-19-2	2002	HANAWA E1	ΓAL.	156	345	08-11-2000
Mag	US-6,403,453	B1	06-11-2	2002	ONO ET AL.		438	513	07-27-2000
Motor	US-6,410,449	B1	07-25-2	2002	HANAWA ET	ΓAL.	438	706	08-11-2000
111872	US-6,418,874	B1	07-16-2	2002	COX ET AL.		118	723	05-25-2000
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MAP	US-6,453,842	B1	09-24-2	2002	HANAWA E	ΓAL.	118	723	08-11-2000
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<del></del>			FOREIG	N PATI	ENT DOCUME	NTS			
Examiner Initials	Foreign Patent Document	Publical	ition Date		Country	Name of Paten	tee or Applic Document	cant of Cited	Translation? (Yes/No/n/a)
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Examiner's S	Signature: AMOU	neen	your	uc/		Date Consid	lered:	1/29/00	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number:

10/646,460

Filing Date:

August 22, 2003

First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit:

Unknown 1763

Examiner Name:

Unknown ARANCIBJA, M.G.

Attorney Docket Number: 6915 P09

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Examiner's Signature: Mauren Dunci

Date Considered: 9/29/05

**INFORMATION** DISCLOSURE

STATEMENT BY APPLICAN APR 0 6 2004

Sheet 1 of 1

Application Number:

10/646,460

Filing Date:

August 22, 2003

First Named Inventor:

Kenneth COLLINS, et al.

**Group Art Unit:** 

Unknown 1763

**Examiner Name:** 

Unknown ARANCIBIA, M.G.

Attorney Docket Number:

6915 P09

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110%	_US-5,040,046	08-13-1991	CHHABRA ET AL.	357	54	10-09-1990
Mer	US-5,643,838	07-01-1997	DEAN ET AL.	437	238	09-03-1993
Mon	US-5,660,895	08-26-1997	LEE ET AL.	427	579	04-24-1996
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Examiner's Signature: Muller Paral Date Considered: 9/79/05

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Sheet 1 of 1

Application Number:

Filing Date:

First Named Inventor:
Group Art Unit:

10/646,460 August 22, 2003 Kenneth Collins, et al.

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Examiner Name: Attorney Docket Number: LIDKHOWN ARANCIBIA, M.G.

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First Named Inventor:

Kenneth Collins, et al.

Group Art Unit:

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Sheet 1 of 1 Examiner Name:

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